

DOCKET NO.: CRNT-0014

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Paul A. Kline

Confirmation No.: 5414

Application No.: 09/835,532

Group Art Unit: 2636

Filing Date: April 16, 2001

Examiner: Trieu, Van Thanh

For: Power Line Communication System and Method of Using The Same

EXPRESS MAIL LABEL NO: EL 999301065 US  
DATE OF DEPOSIT: February 11, 2005

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or

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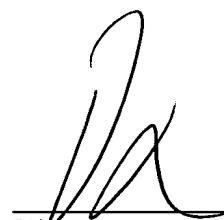
before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

- In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.116 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:
- Certification in Accordance with § 1.97(e) is attached; or
- The fee of \$180.00 as set forth in § 1.17(p) is attached.
- In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).
- Copies of reference numbers 298-320 listed on the attached Form PTO-1449 are enclosed herewith.
- Copies of reference numbers 254-297 listed on the attached Form PTO 1449 are not required to be submitted pursuant to the waiver of 37 CFR § 1.98(a)(2)(i).
- Copies of references - are not being submitted because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application number , filed for which a claim for priority under 35 U.S.C. § 120 has been made in the instant application.

English language abstracts have been provided for those listed references which are not in the English language.

Applicant is uncertain as to the publication date of reference No. 320 listed on the attached Form PTO 1449, however the paper cited appears to have been presented at the 2004 International Symposium on PowerLine Communications and its Applications, Zaragoza, Spain, on March 31-April 2, 2004.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.



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Date: February 11, 2005

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|--|--|-------------------------------|-------------------------------|
| <b>Form PTO-1449 Modified</b>  |  | Docket No.<br>CRNT-0014       | Application No.<br>09/835,532 |
| List of Patent and Publications<br>Cited by Applicant<br>(Use several sheets if necessary) |  | Applicant<br>Paul A. Kline    |                               |
| U.S. Department of Commerce<br>Patent and Trademark Office                                 |  | Filing Date<br>April 16, 2001 | Group<br>2636                 |
|  |  | Confirmation No.<br>5414      |                               |

### U. S. PATENT DOCUMENTS

| <b>Examiner Initial</b> |            | <b>Document No.</b> | <b>Date</b> | <b>Name</b>     | <b>Class</b> | <b>Subclass</b> |
|-------------------------|------------|---------------------|-------------|-----------------|--------------|-----------------|
|                         | <b>254</b> | 3,701,057           | 10/24/72    | Hoer            | 333          | 112             |
|                         | <b>255</b> | 3,900,842           | 08/19/75    | Calabro et al.  | 340          | 310.03          |
|                         | <b>256</b> | 4,004,257           | 01/18/77    | Geissler        | 333          | 207             |
|                         | <b>257</b> | 4,017,845           | 04/12/77    | Killian et al.  | 340          | 310.02          |
|                         | <b>258</b> | 4,504,705           | 03/12/85    | Pilloud         | 381          | 77              |
|                         | <b>259</b> | 5,264,823           | 11/23/93    | Stevens         | 340          | 310.04          |
|                         | <b>260</b> | 5,798,913           | 08/25/98    | Tiesinga et al. | 363          | 21.13           |
|                         | <b>261</b> | 5,751,803           | 05/12/98    | Shpater         | 379          | 379             |
|                         | <b>262</b> | 5,805,458           | 09/08/98    | McNamara et al. | 702          | 60              |
|                         | <b>263</b> | 5,850,114           | 12/15/98    | Froidevaux      | 307          | 105             |
|                         | <b>264</b> | 6,121,765           | 09/19/00    | Carlson         | 323          | 359             |
|                         | <b>265</b> | 6,154,488           | 11/28/00    | Hunt            | 375          | 219             |
|                         | <b>266</b> | 6,243,413           | 06/05/01    | Beukema         | 375          | 222             |
|                         | <b>267</b> | 6,275,144           | 08/14/01    | Rumbaugh        | 340          | 310.01          |
|                         | <b>268</b> | 6,229,434 B1        | 05/08/01    | Knapp et al.    | 340          | 310.01          |
|                         | <b>269</b> | 6,239,722 B1        | 05/29/01    | Colton et al.   | 340          | 870.02          |
|                         | <b>270</b> | 6,243,571           | 06/05/01    | Bullock et al.  | 455          | 402             |
|                         | <b>271</b> | 6,255,805           | 07/03/01    | Papalia et al.  | 323          | 207             |

| <b>EXAMINER</b> | <b>DATE CONSIDERED</b> |
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| <b>Form PTO-1449 Modified</b>  |  | Docket No.<br>CRNT-0014       | Application No.<br>09/835,532 |
| List of Patent and Publications<br>Cited by Applicant<br>(Use several sheets if necessary) |  | Applicant<br>Paul A. Kline    |                               |
| U.S. Department of Commerce<br>Patent and Trademark Office                                 |  | Filing Date<br>April 16, 2001 | Group<br>2636                 |
|  |  | Confirmation No.<br>5414      |                               |

### U. S. PATENT DOCUMENTS

| <b>Examiner Initial</b> |     | <b>Document No.</b> | <b>Date</b> | <b>Name</b>        | <b>Class</b> | <b>Subclass</b> |
|-------------------------|-----|---------------------|-------------|--------------------|--------------|-----------------|
|                         | 272 | 6,255,935           | 07/03/01    | Lehmann et al.     | 340          | 310.07          |
|                         | 273 | 6,300,881           | 10/09/01    | Yee et al.         | 340          | 870.02          |
|                         | 274 | 6,313,738           | 11/06/01    | Wynn               | 340          | 310.03          |
|                         | 275 | 6,335,672           | 01/01/02    | Tumlin et al.      | 336          | 175             |
|                         | 276 | 6,384,580           | 05/07/02    | Ochoa et al.       | 323          | 207             |
|                         | 277 | 6,417,762 B1        | 07/09/02    | Comer              | 340          | 310.01          |
|                         | 278 | 6,449,318           | 09/10/02    | Rumbaugh           | 375          | 309             |
|                         | 279 | 6,507,573           | 01/14/03    | Brandt et al.      | 370          | 335             |
|                         | 280 | 6,515,485           | 02/04/03    | Bullock et al.     | 324          | 601             |
|                         | 281 | 6,522,626           | 02/18/03    | Greenwood          | 370          | 208             |
|                         | 282 | 6,549,120           | 04/15/03    | deBuda             | 340          | 310.01          |
|                         | 283 | 6,577,231           | 06/10/03    | Litwin, Jr. et al. | 340          | 310.01          |
|                         | 284 | 6,590,493           | 07/08/03    | Rasimas            | 340          | 310.01          |
|                         | 285 | 6,611,134           | 08/26/03    | Chung              | 324          | 74              |
|                         | 286 | 6,650,249           | 11/18/03    | Meyer et al.       | 340          | 870.02          |
|                         | 287 | 6,667,685           | 12-2003     | Wasaki et al.      | 340          | 310.03          |
|                         | 288 | 6,668,058           | 12/23/03    | Grimes             | 379          | 322             |
|                         | 289 | 6,686,832           | 02/03/04    | Abraham            | 340          | 310.01          |

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| U.S. Department of Commerce<br>Patent and Trademark Office                                 |  | Filing Date<br>April 16, 2001 | Group<br>2636                 |
|  |  | Confirmation No.<br>5414      |                               |

#### U. S. PATENT DOCUMENTS

| Examiner Initial |     | Document No.    | Date     | Name         | Class | Subclass |
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|                  | 290 | 6,785,532       | 08/31/04 | Rickard      | 455   | 402      |
|                  | 291 | 6,788,745       | 09/07/04 | Lim et al.   | 375   | 297      |
|                  | 292 | 2001/0045888 A1 | 11/29/01 | Kline        | 340   | 310.01   |
|                  | 293 | 2002/0002040 A1 | 01/03/02 | Kline et al. | 455   | 402      |
|                  | 294 | 2003/0090368 A1 | 05/15/03 | Ide          | 340   | 310.06   |
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|                  | 296 | 2003/0107477 A1 | 06/12/03 | Ide          | 340   | 310.01   |
|                  | 297 | 2003/0149784 A1 | 08/07/03 | Ide          | 709   | 231      |
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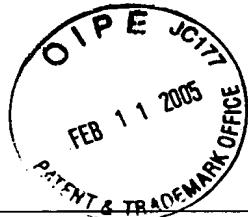


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| U.S. Department of Commerce<br>Patent and Trademark Office                                 |  | Filing Date<br>July 25, 2001 | Group<br>2872                 |
|  |  | Confirmation No.<br>6345     |                               |

#### FOREIGN PATENT DOCUMENTS

| Examiner<br>Initial |     | Document No.     | Date     | Country | Translation                |    |
|---------------------|-----|------------------|----------|---------|----------------------------|----|
|                     |     |                  |          |         | YES                        | NO |
|                     | 298 | 100 12 235 C2    | 12/20/01 | DE      | X abstract &<br>Ind. Claim |    |
|                     | 299 | 100 26 930 C2    | 01/30/03 | DE      | X abstract &<br>Ind. Claim |    |
|                     | 300 | 100 26 931 C2    | 01/23/03 | DE      | X abstract &<br>Ind. Claim |    |
|                     | 301 | 100 42 958 C2    | 01/16/03 | DE      | X abstract &<br>Ind. Claim |    |
|                     | 302 | 100 47 648 A1    | 04/25/02 | DE      | X abstract &<br>Ind. Claim |    |
|                     | 303 | 100 48 348 C2    | 11/28/02 | DE      | X abstract &<br>Ind. Claim |    |
|                     | 304 | 100 59 564 A1    | 09/12/02 | DE      | X abstract &<br>Ind. Claim |    |
|                     | 305 | 100 61 584 A1    | 06/20/02 | DE      | X abstract &<br>Ind. Claim |    |
|                     | 306 | 100 61 586 A1    | 06/20/02 | DE      | X abstract &<br>Ind. Claim |    |
|                     | 307 | 101 00 181 A1    | 07/18/02 | DE      | X abstract &<br>Ind. Claim |    |
|                     | 308 | 101 03 530 A1    | 08/29/02 | DE      | X abstract &<br>Ind. Claim |    |
|                     | 309 | 1 213 849 A1     | 06/12/02 | EP      | X abstract &<br>Ind. Claim |    |
|                     | 310 | 1 217 760 A1     | 06/26/02 | EP      | X abstract &<br>Ind. Claim |    |
|                     | 311 | 1 251 646 A2     | 10/23/02 | EP      | X abstract &<br>Ind. Claim |    |
|                     | 312 | 1 253 699 A2     | 10/30/02 | EP      | X abstract &<br>Ind. Claim |    |
|                     | 313 | 01/50625, A2, A3 | 07/12/01 | WO      | X abstract &<br>Ind. Claim |    |
|                     | 314 | 01/50628 A1      | 07/12/01 | WO      | X abstract &<br>Ind. Claim |    |
|                     | 315 | 01/50629 A1      | 07/12/01 | WO      | X abstract &<br>Ind. Claim |    |

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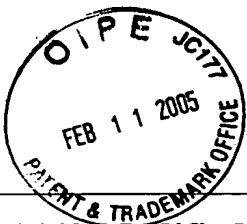
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| U.S. Department of Commerce<br>Patent and Trademark Office                                 |  | Filing Date<br>July 25, 2001 | Group<br>2872                 |
|  |  | Confirmation No.<br>6345     |                               |

#### **FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initial |     | Document No. | Date     | Country | Translation                |    |
|---------------------|-----|--------------|----------|---------|----------------------------|----|
|                     |     |              |          |         | YES                        | NO |
|                     | 316 | 01/63787 A1  | 08/30/01 | WO      | X abstract &<br>Ind. Claim |    |
|                     | 317 | 02/17509 A1  | 02/28/02 | WO      | X abstract &<br>Ind. Claim |    |
|                     | 318 | 02/37712 A1  | 05/10/02 | WO      | X abstract &<br>Claims     |    |
|                     | 319 | 02/065684 A2 | 08/22/02 | WO      |                            |    |
|                     |     |              |          |         |                            |    |
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